

Potomac Regional Symposium on Forensic DNA Analysis

Monday, November 2nd
General Session - Henrico Ballroom

- 8:10am Registration Open
Henrico Pre-Function
- 8:30am Welcoming Remarks
Brad Jenkins, Forensic Biology Program Manager, Virginia Department of Forensic Science
- 8:35am Front End Separation of Biological Mixtures Using Antibody Tagging and Flow Cytometry
Christopher Ehrhardt, PhD, Virginia Commonwealth University
- 9:15am A Microchip Module for Differential Extraction of Sexual Assault Samples and Improved IR-Mediated STR Amplification for a Rotation-Driven Microdevice
Tracey Dawson-Cruz, PhD, Virginia Commonwealth University
- 10:00am **Break**
- 10:15am PowerPlex[®] Fusion on the ABI 3500xl for use in the Virginia DNA Data Bank
Katie Hall, PhD, Virginia Department of Forensic Science
- 10:45am Promega Updates
Arni Masibay, PhD, Promega Corporation
- 11:30am Why Y's? A valuable forensic tool
Mimi Smith, Virginia Department of Forensic Science
- 12:00pm **Lunch Buffet**
The Glen Restaurant - \$11.00
- 1:15pm The Parabon Snapshot DNA Phenotyping Service: Predicting an Unknown Person's Appearance from Forensic DNA
Ellen Greytak, PhD and Steve Armentrout, PhD, Parabon NanoLabs, Inc.
- 2:00pm Validation of a Novel Entire mtDNA Genome Next-Generation Sequencing Strategy for Chemically Modified Samples
Christina Neal, ARP/AFDIL
- 2:45pm **Break**

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| 3:00pm | NIST Rapid DNA Testing and Maturity Assessment Results
<i>Erica Romsos, NIST</i> |
| 3:45pm | DNA Mixture Interpretation: Where did we come from? What are we doing?
Where are we going?
<i>Mike Coble, PhD, NIST</i> |
| 4:30pm | End of Day |

Potomac Regional Symposium on Forensic DNA Analysis

Tuesday, November 3rd

General Session - Henrico Ballroom

- 8:30am National Commission on Forensic Science Update
Linda Jackson, Director, Virginia Department of Forensic Science
- 9:00am Senate Bill 658: Virginia's Inventory of Physical Evidence Recovery Kits
Theresa Francis, Virginia Department of Forensic Science
- 9:30am 25 Years of DNA Data Bank Operation in Virginia
Jenni Grubb, Virginia Department of Forensic Science
- 10:15am **Break**
- 10:30am NDIS Update
Douglas Hares, PhD, FBI Laboratory
- 11:15am A novel approach to screening sexual assault kits by utilizing the Quant Trio assay and Yfiler Plus
Gabriel Feltner and Megan Meyer, Thermo-Fisher Scientific
- 12:00pm **Lunch Buffet**
The Glen Restaurant - \$11.00
- 1:15pm Isolation of semen from superabsorbent polymers
Sarah Seashols-Williams, PhD, Virginia Commonwealth University
- 2:00pm Post-Blast DNA Analysis
Todd Bille, ATF National Laboratory Center
- 2:45pm **Break**
- 3:00pm Probabilistic Modeling is Here to Stay (at least for the present and near future!)
Susan Greenspoon, PhD, Virginia Department of Forensic Science
- 3:45pm Evolution of statistical calculations in Virginia
Lisa Schiermeier-Wood, Virginia Department of Forensic Science
- 4:30pm End of Day

Potomac Regional Symposium on Forensic DNA Analysis

Wednesday, November 4th
General Session - Henrico Ballroom

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| 8:30am | Expanding the Utility of the DNAscan™ System
<i>Melissa Schwandt, PhD, GE Healthcare Life Sciences</i> |
| 9:15am | The Arizona DPS Rapid DNA Program
<i>Russell Vossbrink, Arizona Department of Public Safety</i> |
| 10:00am | Break |
| 10:15am | Michigan's response to the SAFER legislation
<i>Jeffrey Nye, Michigan State Police</i> |
| 11:00am | Recent court decisions on probabilistic modeling
<i>Amy Curtis, Department Counsel, Virginia Department of Forensic Science</i> |
| 11:30am | Closing Remarks
Virginia Department of Forensic Science Staff Meeting
<i>Brad Jenkins, Forensic Biology Program Manager, Virginia Department of Forensic Science</i> |
| 12:00pm | End of Day |